

**STAR EM 12 K SAW WIRE**  
**AWS A5.17 ASME SFA 5.17**

SIZE .1.2 mm and 1.6 mm and 2.0 mm

**CHEMICAL COMPOSITION OF WELD METAL**

C%	Mn%	Si%	S%	P%
0.05 - 0.15	0.80 -1.25	0.10-0.35	0.03	0.03

**Mechanical Properties**

Ts( Mpa)	Ys(Mpa)	El %	Impact value @ - 18 deg cellcius
483	400	22	27J

**APPLICATIONS:**

Star Em12k saw wire widely used in shipbuilding , steel structure, pipeline, heavy machinery, bridges, pressure vessels and highly suitable for welding carbonsteel and low alloy steel structures with relevent strength grade such as 16 Mn.